

## CLAIMS

- 1). A Car Stereo with Driver Warning System comprising:
  - a) a housing adapted for mounting to the dashboard of a motor vehicle;
  - b) an amplifier provided within said housing for amplifying audio signals;
  - c) at least one speaker electrically connected to said amplifier for producing audible sounds;
  - d) means for generating audio signals electrically connected to said amplifier;
  - e) Radar detector means for detecting the presence of police radar signals provided within said housing;
  - f) alert means electrically connected to said radar detector means for providing at least one of a visual warning signal and audible warning signal when radar signals are detected; and
  - g) muting means for reducing the level of sound provided to said at least one speaker from said means for generating audio signal whenever said radar detector means detects the presence of police radar signals.
- 2). A Car Stereo with Driver Warning System according to claim 1 wherein said housing is mounted in the dashboard of the vehicle.
- 3). A Car Stereo with Driver Warning System according to claim 1 wherein said housing is mounted underneath the dashboard of the vehicle.

- 4). A Car Stereo with Driver Warning System according to claim 1 wherein said amplifier is a stereo amplifier.
- 5). A Car Stereo with Driver Warning System according to claim 1 wherein said amplifier is a stereo tuner.
- 6). A Car Stereo with Driver Warning System according to claim 1 wherein said a plurality of speakers are mounted as various desired locations within the vehicle.
- 7). A Car Stereo with Driver Warning System according to claim 1 wherein said plurality of speakers are mounted at various desired locations within the vehicle and at least one speaker is provided within said housing.
- 8). A Car Stereo with Driver Warning System according to claim 1 wherein said means for generating audio signals is provided within said housing.
- 9). A Car Stereo with Driver Warning System according to claim 1 wherein said means for generating audio signals consisting of at least one of an AM/FM tuner, tape player, or compact disk player.
- 10). A Car Stereo with Driver Warning System according to claim 1 wherein said radar detector means has at least one input provided on said housing adapted to receive an electrical connection from at least one antenna.

11). A Car Stereo with Driver Warning System according to claim 1 further comprising a primary antenna mounted on an upper surface of the vehicle wherein said radar detector means has a first antenna input adapted to receive an electric connection from said primary antenna.

12). A Car Stereo with Driver Warning System according to claim 1 wherein further comprising an auxiliary antenna mounted on a front grille of the vehicle wherein said radar detector means has a second antenna input adapted to receive an electrical connection from said auxiliary antenna.

13). A Car Stereo with Driver Warning System according to claim 1 wherein said alert means provides an audible warning signal to said at least one speaker and wherein said muting means reduces the level of sound provided to said at least one speaker from said means for generating audio signal to a zero output thus allowing the amplifier to amplify only the audible warning signal.

14). A Car Stereo with Driver Warning System according to claim 1 wherein further comprising a display means provided on said housing to display said visual warning signal from said alert means.

15). A Car Stereo with Driver Warning System according to claim 1 further comprising a display means provided on said housing to display information regarding the operation of the vehicle sound system.

16). A Car Stereo with Driver Warning System according to claim 1 further comprising a display means provided on said housing to display said visual warning signal from said alert means and wherein said audible warning signals are simultaneously provided to said at least one speaker.

17). A Car Stereo with Driver Warning System according to claim 1 wherein said means for generating audio signals can be independently turned off while said radar detector means remains in an operating condition.

18). A Car Stereo with Driver Warning System according to claim 1 wherein said radar detector means can be independently deactivated while said means for generating audio signals remains in an operating condition.

19). A Car Stereo with Driver Warning System according to claim 1 wherein the volume of the said means for generating audio alert signal is adjustable.

20). A Car Stereo with Driver Warning System according to claim 1 wherein said means for displaying visual alert means is adjustable.